

Humpel, G.		63-16299
THE EXACT DETERMINATION OF STARCH DAMAGE AND OVER-GRINDING BY THE AMYLOSE NUMBER. [1963] 13p.	I. Humpel, G.	
Available on loan from SLA	63-16299	
Trans. of <u>Getreide und Mehl</u> (West Germany) 1952, v. 2, no. 2, p. 2-16.		
DESCRIPTORS: Determination, *Starches, Processing, Damage, Decomposition, Flour, Manufacturing methods,		
The conception of a partially stratified structure of the starch granules is supported by the paper. By gradually increasing mechanical effects, mixtures of starch com- ponents were isolated, which at the same concentration and temperature with addition of iodine, yielded com- pounds of various degrees of coloring. It can be (Food, TT, v. 10, no. 3)	(over)	
		Office of Technical Services

The Reduction of Janus Green as an Indication
of the Bacterial Content of Grain, by
W. Dierchen. UNCLASSIFIED

GERMAN, xxxx par, Getreide u Mehl, Vol II, No 6,
1952, pp 64-66.

DSIR/31919/GR

Sci - Biol, agriculture
Oct 58

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Participation of Enzymes in Formation of Fatty
Bitter Substance in Damaged Grains, by B. Thomas,
M. M. Rothe.

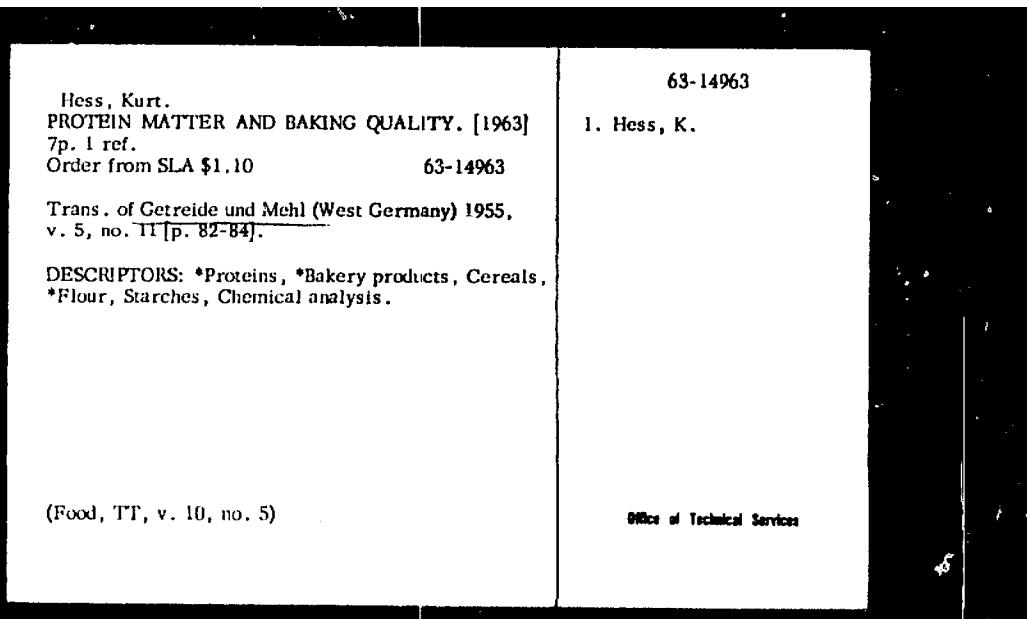
GERMAN, per, Getreide und Muhl, Vol IV, 1954,
pp 17-19.

GB/221

Sci-Biol

Aug 63

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Belderok, B.
THE VISCOMETRIC METHOD TO DETERMINE THE
ALPHA-AMYLASE ACTIVITY IN THE INDIVIDUAL
GRAIN KERNELS AND AS SUCH APPLICATION IN
CONCEALED SPROUTING. [1963] 13p. 11 refs.
Order from SLA \$1.60

63-14865

Trans. of Getreide und Mehl (West Germany) 1957,
v. 7, no. 9, p. 77-80.

DESCRIPTORS: *Glycoside hydrolases, *Starches,
Flour, *Bakery products, Dextrans, *Viscosimeters,
Enzymes, *Seeds, Growth.

(Food, TT, v. 10, no. 5)

63-14865

I. Belderok, B.

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Importance for Bakability of Thiol and
Disulphide Groups in Gluten, by A. H. ~~WITTEVEEN~~
Bloksma.

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Sci-Biol & Med Sci
May 63

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Automatic Water Determination in Cereal Products Using
the Carl Fisher Reagent, by W. Seibel, H. Bolling,
14 p.

GERMAN, per, Getreide und Mehl, 1958, Vol VIII, No 10,
pp 73-76.

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Vol III, No 3

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Protein Determination in Cereal by Application
of the Boric Acid and Formal Titration, by
D. W. Seibel, H. Bolling, 14 pp.

GERMAN, per, Getreide und Mahl, Vol VIII,
No 11, 1958, pp 85-88.

ONS 60-16577

Sci

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3 Mar 62

Vol 4, No

Olerod, R.
A KINETIC METHOD FOR ALPHA-AMYLASE
ACTIVITY DETERMINATION IN BREAD CEREAL.
[1963] 9p. (figs. refs. omitted).
Order from SLA \$1.10

63-16490

Trans. of Getreide und Mehl (West Germany) 1959,
v. 9, no. 5, p. 49-52.

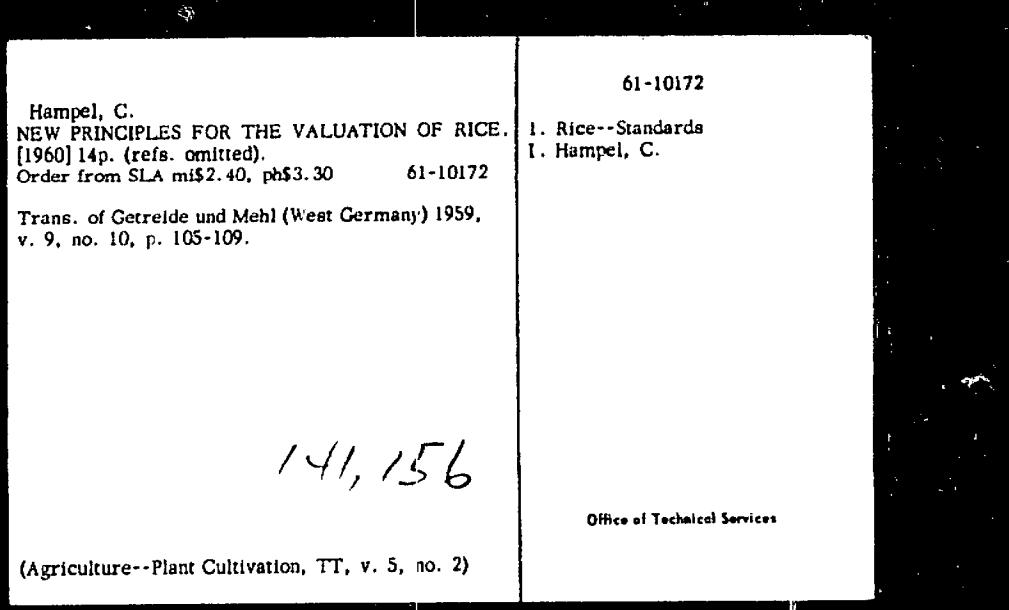
DESCRIPTORS: Flour, *Bread, *Cereals, Enzymes,
*Glycoside hydrolases, *Colorimetry.

(Food, TT, v. 10, no. 8)

63-16490

I. Olerod, R.

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Changes in Wheat Due to Gamma-Irradiation, by
M. Milner, K. F. Finney,

GERMAN, per, Getreide und Mehl, Vol IX, No 10,
1959, pp 110-112.

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Sci - Phys
Sep 60

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Pest Infestation Lab
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London Road, Slough,
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Irradiation of Grain and Flour in Belgium,
by E. Maes, A. Deschraeder, G. Peeters, 12 pp.

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pp 117-119.

AEC RP-Tr-515

Sci - Biol
Apr 61

149571

The Treatment of Wheat With Ionizing Radiation,
Part I, ~~XRTG~~ Effect on the Milling Qualities in
Hard Winter Wheats, by W. Seibel, 13 pp.

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The Treatment of Wheat With Ionizing Radiation.
Part II. The Effect on the Pentosans and Baking
Properties of Hard Winter Wheat, by F. K. Finney,
M. Milner, W. Seibel, 20 pp.

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AEC RP Tr-696

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Behavior of Gluten Proteins in the Treatment of
Flour With Gamma Rays, by A. R. Daschreider, 21 pp.

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AMC-DR-5798

Sci - Biol

Aug 63

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Spicher, Gottfried.
THE MICROFLORA OF THE GRAIN IN SCREENROOM
AND MILLING DIAGRAM. I. RESEARCH ABOUT THE
EFFECTIVENESS OF STEAM CONDITIONING ON THE
GERM CONTENT OF THE WHEAT. [1963] [15]a. 9 refs.
Order from SLA \$1.60

63-14975

63-14975
I. Spicher, G.
II. Title: Research ...

Trans. of Getreide und Mehl (West Germany) 1960,
v. 10, no. 11, p. 121-128 (Federal Research Institute
for Grain Processing, Detmold (West Germany).
Publication-2677).

DESCRIPTORS: Microbiology, *Wheat, Bacteria,
*Flour, Heat treatment, Processing, Decontamination,
*Steam cleaning.

(Food, TT, v. 10, no. 4)

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<p>Guilbot, A. EXAMINATIONS OF STEROLESTERS IN CEREAL AND THEIR SIGNIFICANCE FOR THE DISCRIMI- NATION BETWEEN DURUM AND COMMON WHEAT. 25 Sep 61, 16p. 30 refs. Order from SLA \$1.60</p> <p>Trans. of <u>Getreide und Mehl</u> (West Germany) 1961, v. 11, no. 5, p. 49-53.</p> <p>DESCRIPTORS: *Cereals, *Wheat, *Sterols, *Lipids, Esters</p> <p>(Agriculture, TT, v. 7, no. 4)</p>	<p>61-20737</p> <p>I. Guilbot, A.</p> <p>61-20737</p> <p>Office of Technical Services</p>	
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Binding of Protein and Different Forms of Phosphorus
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GERMAN, per, Getreide und Mehl, Vol XII, No 6, 1962,
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Apr 64
Sci - Chem

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Microscopical Studies on Waves, Second Part, by
W. Hessler, 8 pp.

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Sci - Biochemistry, analytical

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by E. Atzler, 10 p.

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Sci
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<p>Naebring, B. THE DOCTRINE OF THE INVENTIVE LEVEL IN GERMAN PATENT PROSECUTION. [1 June 59] [16]p. 37 refs. Order from SLA \$1.60</p> <p>Partial trans. (excerpts from p. 57-62) of Gewerblic- her Rechtsschutz und Urheberrecht (West Germany) 1959, v. 61, no. 2, p. 57-104.</p> <p>DESCRIPTORS: *Patents, Inventions, *Germany, Political science.</p> <p>(Social Sciences, TT, v. 8, no. 5)</p>	<p>62-14038</p> <p>I. Title: Patent law. I. Naebring, B.</p> <p>Office of Technical Services</p>
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Africa - Nigeria
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Nuclear Reactors, by S. Sasse.
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*AEC ORNL tr-1525

Sci/Nuclear Sci.
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Goiter, by J. Terpstra, 8 pp.

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Assen 1959, pp 171-176.

MIN 2-8-62

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Sci - Med

Am 62

English Title Unknown, by G. L. Funke.
DUTCH, per, Ghent, Vol 4, No 2, June 1936, pp 67-84.
*NTIS TT 72-53048

Aug 72

English Title Unknown, by G. L. Funke.
DUTCH, per, Ghent, Vol 5, 1937, pp 30-44.
*NTIS TT 72-53044

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Use of Multiple Regression to Represent the
Influence of Temperature, Wind Velocity,
Atmospheric Pressure, Saturation Deficit,
Insolation and Radiation on the Evaporating
Power of the Air., by I. Impens, J. Schalck.
GERMAN, per, Ghent Rijkslandbouwhogeschool.
Laboratorium voor Plantecologie. Mededelingen.
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Aug 67 335-969

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no. 1, 1 Sep-31 Dec 61, on Contract 042-61-9 RDB.
[1962] 162p.
Order from OTS or SIA \$12.00 EURAEC-273

Trans. of a rept. from Ghent U. (Belgium) and Soudometal Co. Ltd. Brusse^s (Belgium) n.d.

DESCRIPTORS: Nuclear reactors, Reactor materials, Pressure vessels, *Steel, *Welding, Welded joints, Fracture (Mechanics), Brittleness, Creep, Tests.

A survey was made of problems born of constructional particularities of the main types of reactor vessels being used at present. Preliminary studies were made of string-weave bead anomalies in the filler metal; of brittleness in the base metal, caused by plastic strain at different temperatures; and of brittleness in filler metal, caused by plastic strain at different temperatures.

62-33158

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Nuclear Physics--Nuclear
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GERMAN, rpt. Photogrammetrische Rekordergeräte -
Beurteilungen über die Vor- und Nachteile der verschiedenen
Rekordergerätsysteme.
FTD-1T-63-250

Sci - Phys
Mar 65

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Transfusion Treatment in Chronic Leukemias, by
N. D. Schuyler, M. Gorinchen, 7 pp.

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S.L.A. Tr 57-63

Sci - Medicine
Apr 57

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27 pp.

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Emmanuel Coll Rec Lang Ctr
E-T-R-G-62-31

Sci - Phys, Electron
Aug 63

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E. Mitschke, 9 pp.

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pp 8-12.

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ID 2203436

Sci - Biological & Med Sciences 225, 314
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Furnaces, by N. Broglie, 20 pp.

GREGMAN, per, Giesserei, Vol XXIV, 1927, pp
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Aug 58

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pp 388-391. and No 19, pp 541-544.

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Vol 3, No 1

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The Demands Placed Upon Men in the Foundry and the
Practical Evaluation of the Data in Practice, by 7 p.

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SLA 60-10053

Sci
Apr 60
Vol III, No 2

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The Influence of Industrial Development on Health,
by Ancher, 6 p.

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Sci
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Vol III, No 2

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Improvements in Manual Overhead Trolley Conveyors,
by Hans Schulze-Manitius, 5 p.

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SLA 59-20441

Sci
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Vol 3, No 1

110, 965

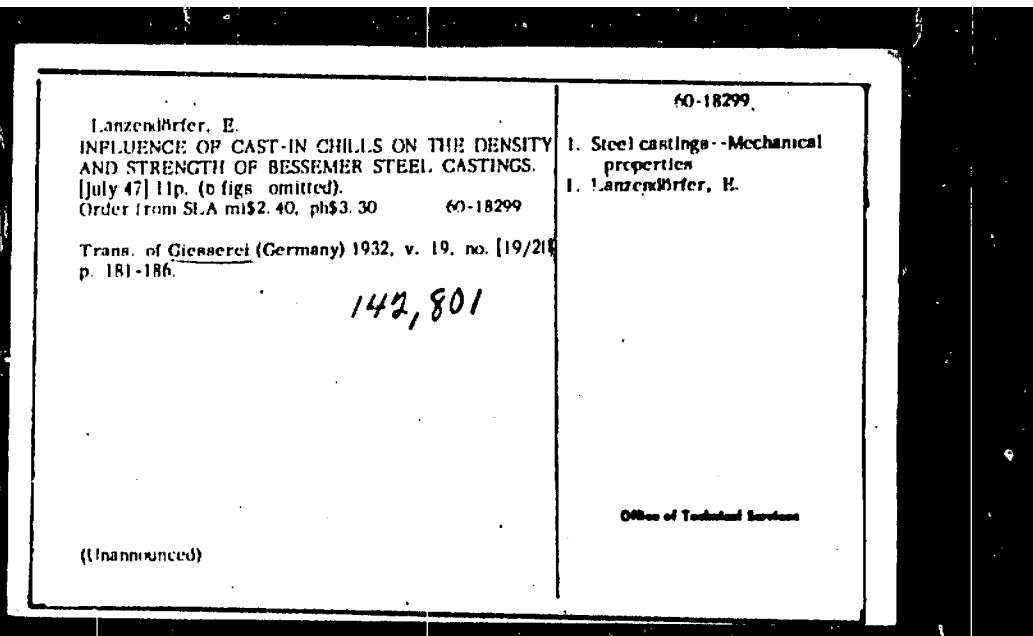
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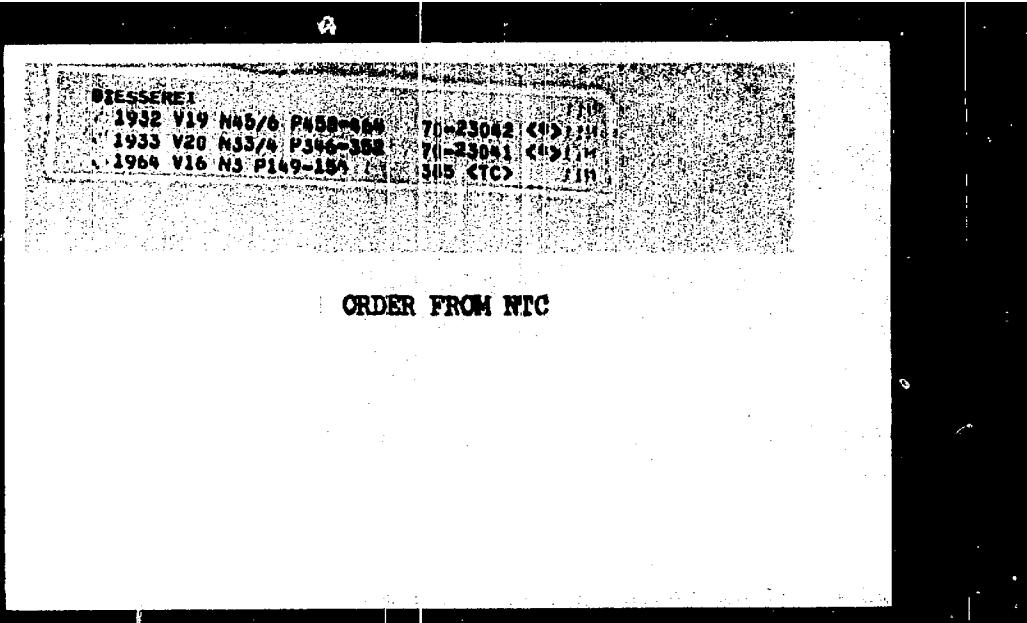
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SLA 59-20223

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Mar 60
Vol 2, No 11

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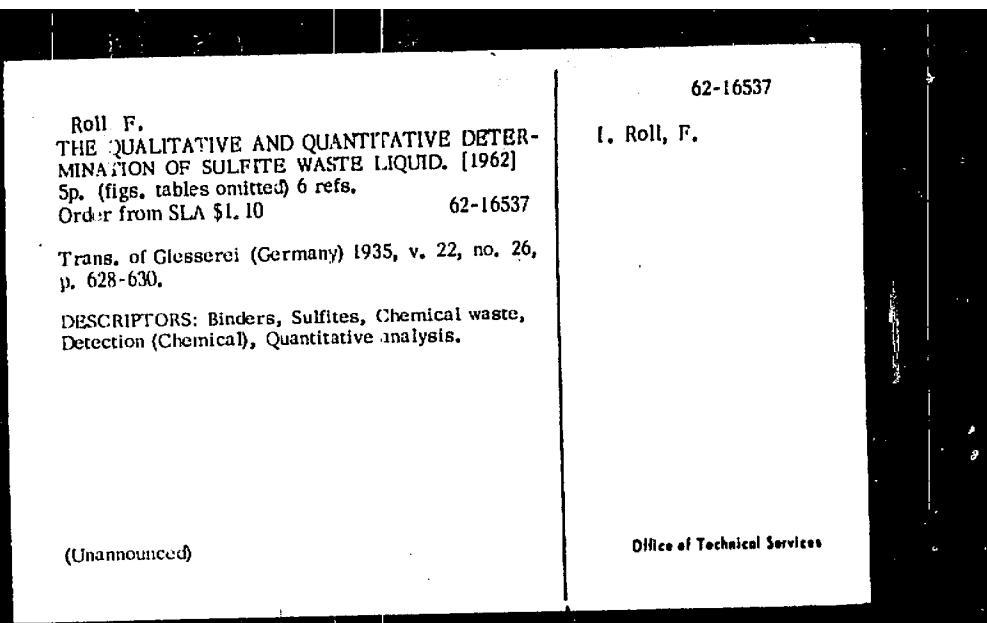
Mechanical Properties of Cast Iron at High Temperatures,
by R. Bertschinger, E. Pivovarsky.

DETMAN, per, Die Gießerei, Vol XXII, 1935.

Brutcher Tr No 878

Scientific - Min/Metals \$1.20

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Cast Camshafts and Crankshafts, by H. Cornelius,
F. Bollenrath.

GERMAN, per, Die Giesserei, Vol XXIII, 1936,
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Brutcher Tr No 304

Scientific - Min/Metals \$6.30

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Impact Strength and Notch Sensitivity of Cast Iron,
by E. Piwowarsky, 21 p.

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SLA 59-20438

Sci
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Vol 3, No 1

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Practical Experiences With High-Frequency Furnaces in
Foundries, by N. Broglie.

GERMAN, per, Giesserei, Vol. XXIV, 1937.

Brutcher Tr No 360

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Scientific - Min/Metals

\$6.20

Industrial Photography With Miniature Cameras,
by W. Anders, 7 pp.

GERMAN, per, Giesserei, Vol XXIV, 23 Feb 1937,
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SLA 57-2188

May 58

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<p>Jurich, H. PRIMARY ETCHING OF GRAY CAST IRON. [1962] (figs. omitted) 3 refs. Order from SLA \$1.10</p> <p>Trans. of Giesserei (Germany) 1937, v. 24, p. 341-343.</p> <p>DESCRIPTORS: *Cast iron, *Photoengraving, Microstructure.</p> <p>Two new general etching agents for the development of the primary structure of gray cast iron have been dia- closed. They are concentrated sulfuric acid + formic acid and concentrated sulfuric acid + boric acid. These agents are also particularly useful in those cases where the primary structure of gray cast iron and of malleable cast iron could not be made visible with existing etching agents. The effect of the (Metallurgy--Ferrous Metals, TT, v. 9, no. 8) (over)</p>	<p>62-20068</p> <p>I. Jurich, H.</p> <p>62-20068</p> <p>Office of Technical Services</p>	
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Present Status of the Superheating of Melts of
Cast Iron, by E. Piwowarsky, 15 p.

GERMAN, per, Giesserei, 1937, Vol XXIV, No 21,
pp 510-518.

SIA 59-20439

Sci
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Vol 3, No 1

111,010

<p>REVIEW OF PAPERS READ AT THE SIXTH ANNUAL MEETING OF THE FOUNDRY INSTITUTE OF THE AACHEN INSTITUTE OF TECHNOLOGY [1960] 17p. Order from SLA \$1.00</p> <p>Trans. of Giesserei (Germany) 1937, v. 24, 24 Sep., p. 490-494 and 8 Oct., p. 519-521.</p> <p>DESCRIPTORS: Industrial research, *Foundries, *Aluminum castings, Precipitation hardening, Heat treatment, Aluminum alloys, Silicon alloys, Castings, Magnesium alloys, *Rolling mills, *Gases, *Machining, *Brittle materials, *Cast iron, Stresses, *Crystallization, *Cupola furnaces, Melting, Metals, Quality control, Management engineering, Personnel, Industrial plants.</p> <p>(Metallurgy, TT, v. 8, no. 11)</p>	<p>60-18965</p> <p>1. Title: Silumins</p> <p>60-18965</p> <p>(over)</p> <p>Office of Technical Services</p>
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Chill Mold Casting of Aluminium Alloys, by
A. Veth, 14 p.

GERMAN, por, Giesserei, 1938, Vol XXV, Neue
Folge, Vol XI, no 8, pp 177-183.

SLA 59-20446

Sci
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Vol 2, No 12

109,195

Resow, H.
EFFECT OF MATERIAL, SHAPE AND MOULDING
TECHNIQUE ON THE EFFICIENCY OF THE STEEL
FOUNDRY. [1961] [7]p.
Order from SLA \$1.10

61-18506

Trans. of Gießerei (Germany) 1938, v. 25, 9 Sep,
p. 447-450.

DESCRIPTORS: *Steel industry, Design, *Steel casting
Molding.

(Unannounced)

61-18506

I. Resow, H.

1840^m

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Flame Hardening of Gray Cast Iron and Malleable
Cast Iron, by G. Kritzler, F. Roll, 15 pp.

GERMAN, per, Giesserei, Vol XXV, 1938, pp
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Sci - Min/Mat

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Feb 58

The Utilization of Nickel Scrap and Wastes in
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SLA 59-20226

Sci
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Vol 2, No 12

109,242

The Development of Zinc Alloys Since 1900,
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GERMAN, per, Giesserei, Vol XXVI, Sep 1939,
pp 484-487; Oct 1939, pp 505-508.

SLA 57-1053

May 58

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The Effect of Cerium on Cast Iron, by W. Baukloh,
H. Meierling.

GERMAN, per, Die Stahlerei, Vol XXVII, 1940.

Bratcher Tr 1433

Scientific - Min/Metals \$4.10

12,742

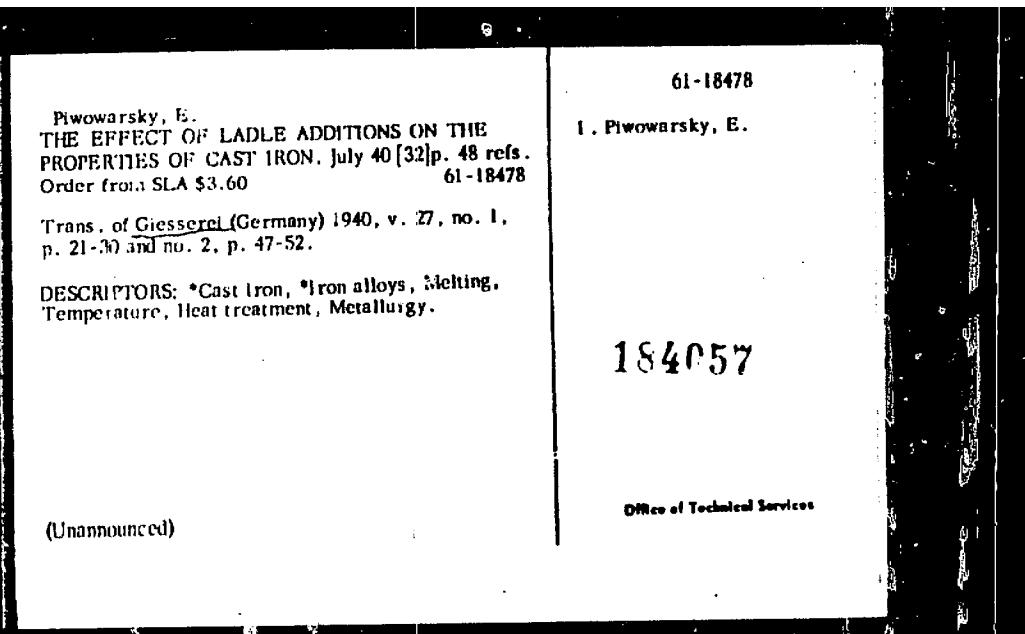
Comparison of Aluminum Sand Casting and Chill Mold
Casting, by A. von Zeerleder, 6 p.

GERMAN, per, Giesserei, 1940, Vol XVII, No 1,
pp 12-14.

SLA 59-20440

Sci
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Vol 3, No 1

110, 964



Piwowarsky, E.
LADLE ADDITIONS TO CAST IRON. Oct 40, 3p.
20 refs.
Order from SLA \$1.10

61-18477

Trans. of Giesserei (Germany) 1940, v. 27, 5 Apr,
p. 124-125.

DESCRIPTORS: Cast iron, Additives, Metallurgical
analysis.

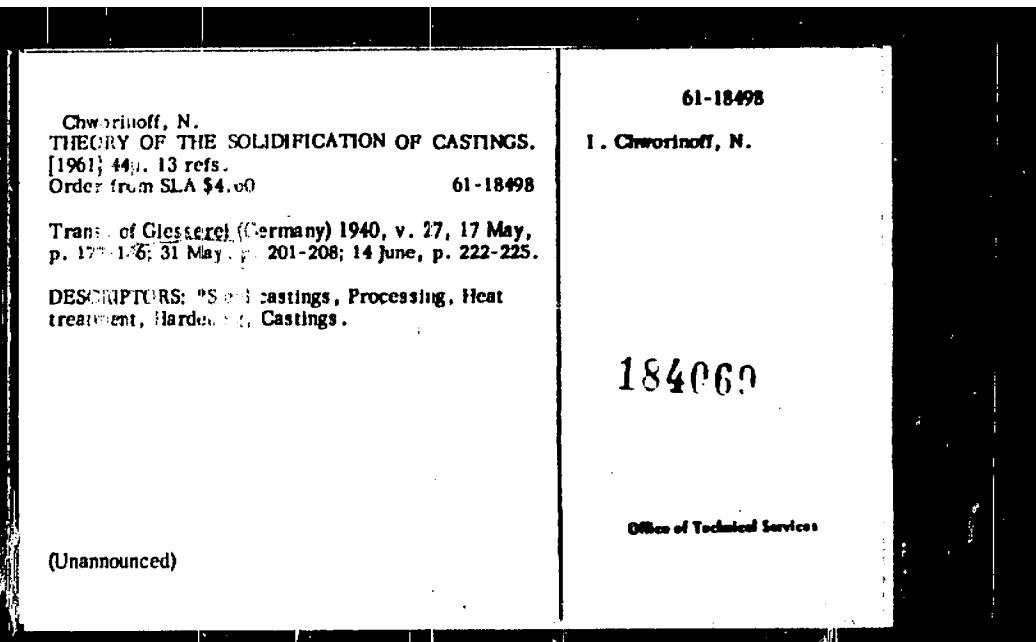
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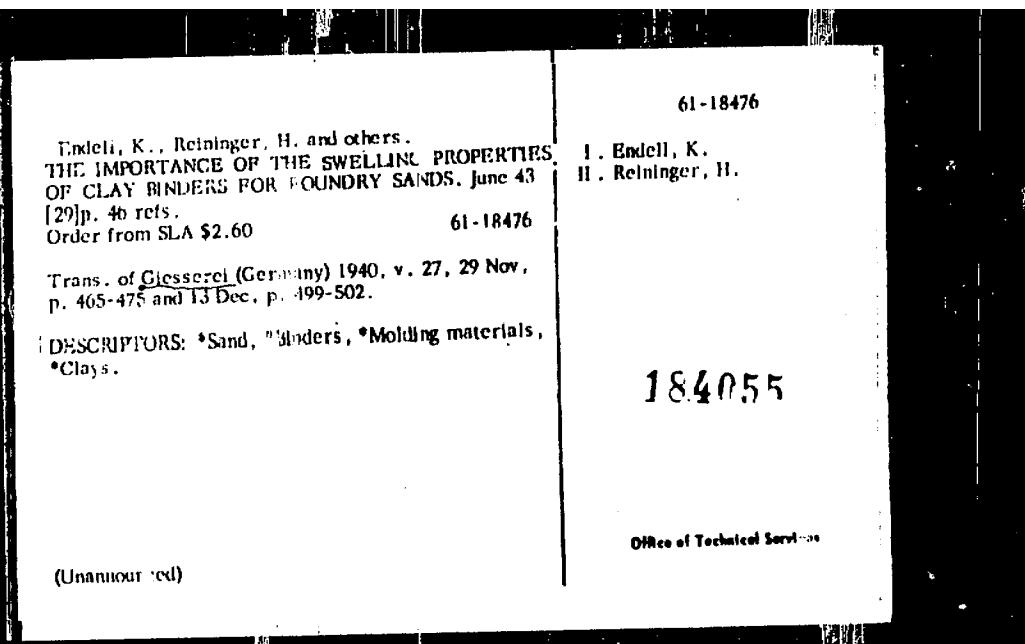
I. Piwowarsky, E.

184056

(Unannounced)

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Experiences with the Radiographic Examination of
Magnesium Castings for Shop and Acceptance In-
spection, by A. A. F. Goederitz, 11 pp.

GERMAN, per, Giesserei, No 10, 1941, pp 217-224.

SLA 58-438

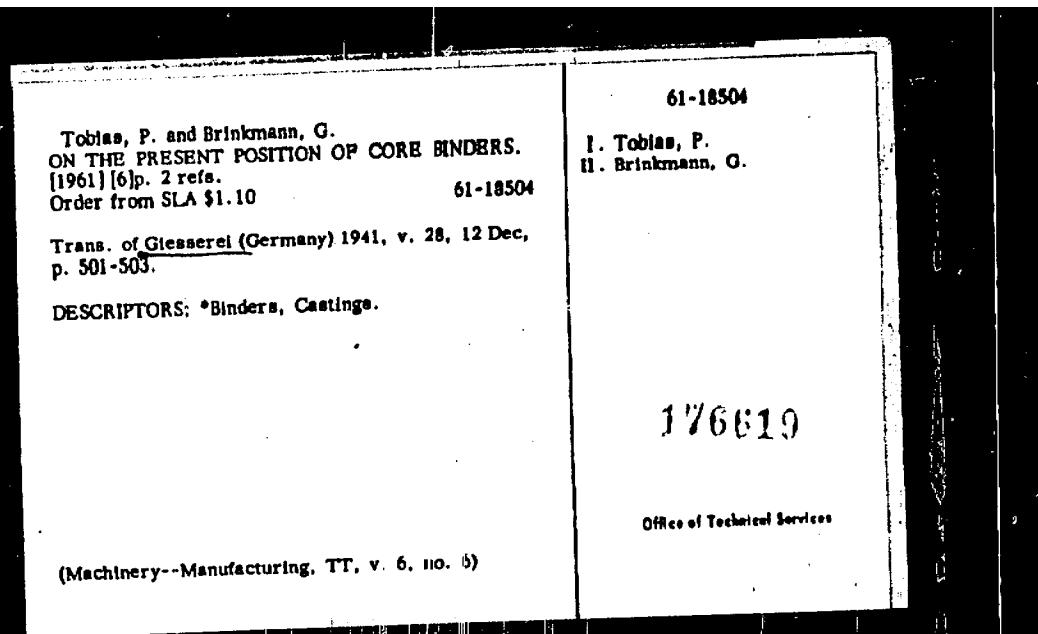
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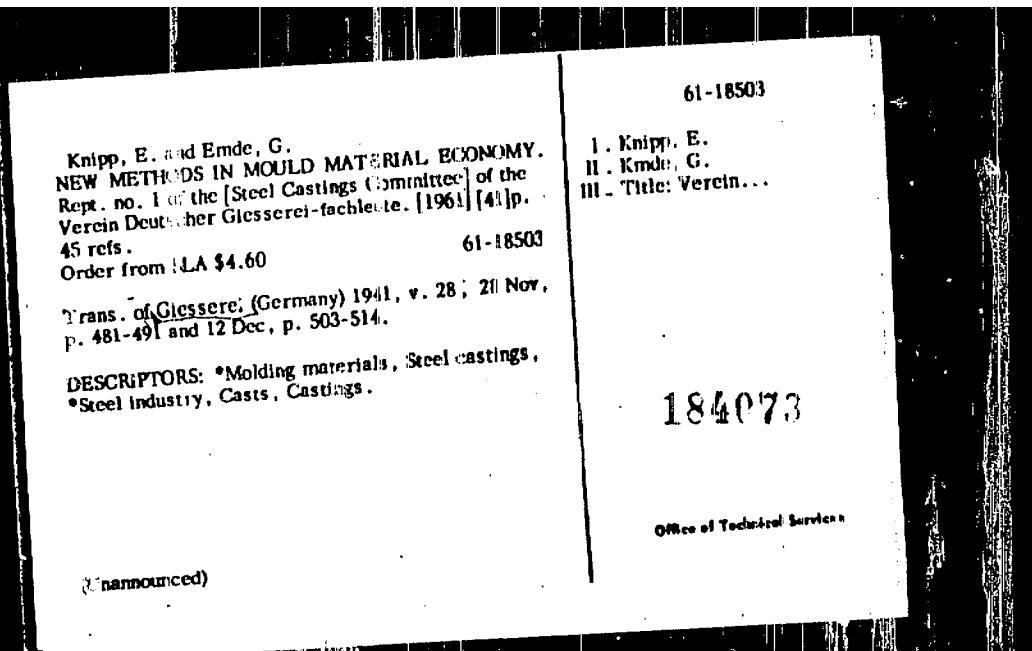
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95, 714

<p>Bertschinger, R. and Piwowarsky, E. FATIGUE STRENGTH AND NOTCH SENSITIVITY IN CAST IRON. I. THE INFLUENCE OF FREQUENCY, TEMPERATURE AND THE METALLIC MATRIX (Werkstoff Gusseisen; Ermüdungsfestigkeit und Kerbsicherheit. I. Einfluss der Frequenz, der Temperatur und der metallischen Grundmasse). Feb 43 [30]p. (foreign text included) 30 refs. Order from SLA \$2.60</p> <p>Transl. of Gießerei (Germany) 1941, v. 28, no. 17. p. 365-372 and no. 18, p. 385-389.</p> <p>DESCRIPTORS: *Cast iron, Fatigue (Mechanics), *Metallurgical analysis, Heat treatment, Iron, Castings.</p> <p>(Unannounced)</p>	<p>61-18554</p> <p>I. Berstscherger, R. II. Piwowarsky, E.</p> <p>184097</p> <p>Office of Technical Services</p>
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<p>Hollinderbäumer, W. CONVERTER PRACTICE. [1961] 4p. Order from SLA \$1.10 61-18873</p> <p>Trans. of <u>Gießerei</u> (West Germany) 1941 [v. 28] p. 491-492.</p> <p>DESCRIPTORS: *Steel castings, Castings, Manufacturing methods.</p> <p>(Metallurgy--Ferrous Metals, TT, v. 7, no. 4)</p>	<p>61-18873</p> <p>I. Title: Converter practice I. Hollinderbäumer, W.</p> <p>Office of Technical Services</p>
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Influence of Thorium on Cast Iron, by W. Baukloh,
Meierling.

GERMAN, per, Die Gießerei, Vol XXIX, 1942.

Brutcher Tr 1470

Scientific - Min/Metals \$1.60

12,743

Juretzek, Hubert.
ALLOY STEEL CASTINGS, THEIR PROPERTIES AND
APPLICATION. Rept. no. 3 of the Steel Castings
Committee of the Verein Deutscher Giesserei-fachleute.
[1961] 31p. (9 figs. omitted) 12 refs.
Order from SLA \$3.60

61-18499

Trans. of Giesserei (Germany) 1942, v. 29, 26 June,
p. 217-228 and 10 July, p. 243-249.

DESCRIPTORS: *Steel castings, *Cast steel, *Heat
resistant alloys, Castings.

61-18499

I. Juretzek, H.
II. Title: Verein...

184070

Office of Technical Services

(Unannounced)

Relationship Between Composition and Mechanical Properties of Cast Iron, by G. Brinkmann, P. Tobias.

GERMAN, per, Die Giesserei, Vol XXIX, 1942,
pp 317-320.

Brutcher Tr No 1455

Scientific - Min/Metals \$3.35

16, 438

The Pressure Die Casting Industry, by Karl Mattheus,
8 pp.

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S.L.A. Tr 102/1956

34,012

Scientific - Engineering

<p>Endell, K. and Strasmann, W. SYNTIETIC FOUNDRY SANDS WITH CEMENT AS A BINDER. Rept. no. 2 of the Fachausschuss Grauguss of the Verein Deutscher Gießerei-fachleute. [Sep 46] 15p. (2 figs. omitted) 39 refs. Order from S.I.A. m\$2.40, ph\$3.30 60-18811 Trans. of Gießerei (Germany) 1942, v. 29, 16 Oct, p. 349-356.</p> <p style="text-align: center;">146,773</p> <p>(Unannounced)</p>	<p>60-18811</p> <p>1. Sand-Bonding 2. Cements--Applications 3. Molding materials-- Development 4. Title: Foundry sand I. Endell, K. II. Strasmann, W. III. Title: Verein Deutscher Gießerei-fachleute, Rept. -2</p> <p>Office of Technical Services</p>
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Stolle, Rudolf,
BESSEMER SHOP PRACTICE, [July 46] 13p.
Order from SLA mi\$2.40, ph\$3.30 60-18810

Trans. of Gieserel (Germany) 1942, v. 29, 11 Dec.
p. 413-419.

142,863

60-18810

1. Steel--Production
2. Title: Bessemer-Shop
3. Stolle, R.

Office of Technical Services

(Unannounced)

Melts
Influence of Slags on Cast Iron XXXX, by
P. Bardenhauer.

GERMAN, per, Die Giesserei, Vol XXX, 1943.

Brutcher Tr 1700

Scientific - Min/Metals \$5.60

12,865

Notch Impact Toughness of Cast Steel at Low
Temperatures, by H. Juretzek, W. Trommer

GERMAN, per, Giesserei Dusseldorf, Vol XXX, No 2,
22 Jan 1943, pp 21-24. *M*

TPA3/TIB T 4145

8871

Scientific - Minerals/Metals
CTS/DEX

The Principles of Welding Cast Magnesium Alloys,
by K. Grassmann.

GERMAN, werk Giesserei, Vol XXX, No 7/9, 10/11,
Apr/May 1943, pp 107-110, 129-132.

TPA3/TIB T 4223

Scientific - Minerals/Metals
May 54 CIS

14,092

62-10249

APPLICATION POSSIBILITY OF SYNTHETIC RESINS AS CEMENT BINDERS. [1961] [4]p. (3 refs.
1 fig. omitted).
Order from SLA \$1.10

62-10249

Partial trans. of die Glesserei (Germany) 1943
[v. 30, no. 11] p. 249ff.

DESCRIPTORS: *Plastics, *Binders, Ureaformaldehyde resins, Sand, Mixtures, Humidity, Mortar, Preparation, Resins.

(Materials--Plastics, TT, v. 7, no. 9)

Office of Technical Services

Influence of Rate of Load Application in Tensile Testing Upon the Strength of Cast Iron, by F. Bischof.

GERMAN, Die Giesserei, Vol XXXI, 1944.

Brutcher Tr No 1823

14,948

Scientific - Min/Metals \$1.30

Influences of Phosphorus on Hardness of Cast
Iron on Quenching, by F. Bischof.

GERMAN, Die Giesserei, Vol XXXI, Nos 8, 9,
1944.

Brutcher Tr No 1676

Scientific - Min/Metals \$3.60

14,947

The Creep Strength of Cast Aluminium Alloys,
by H. Vosskuhler, 8 pp.

GERMANY, per, Giesmerek, Vol IV, Dec 1950,
pp 171-174.

SLA 1990

Sci - Minerals/Metals 54, 035
Oct 57

Effect of Various Alloying Elements on the Properties
of Cast Iron, Particularly on Thermal Stability,
by H. Timm-Beil.

GERMAN, per, Die Giesserei, Vol XXXVIII, No 2, 1951,
pp 25-29.

Brutcher Trans No 2914

Scientific - Metallurgy, alloys, iron

The Rapid Determination and Correction of the Phosphorus Content of Molten Copper and Copper Alloys in the foundry, by H. Zeppelin, 4 pp.

GERMAN, per, Gieseretl., Vol XXVIII, 8 Feb 1951,
pp 51, 52.

SLA 2327

Sci - Minerals/Metals
Oct 57

54, 040

Residual Stresses in Continuously Cast Aluminum Bars,
by G. Seeger.

Full translation.

GERMAN, Ver, Glesserei, Vol XXXVIII, No 14, 1951,
pp 325-329.

Brutcher Tr 2916

Scientific: - Cast aluminum, alloys, stress state

Contribution to Ingot-Mold Making, by E. Feil.

GERMAN, Die Giesserei, Vol 38, 1951, No 24,
pp 345-355.

Brutcher Tech Tr 2894

Media for Fluxing, Purifying, Degassing, Desulfurizing, and for Preventing Shrinkage Cavities in Nonferrous Metals and Iron and Steel Castings, by E. Piwowarsky.

GERMAN, Die Giesserei, Vol 38, 1951, No 18, pp 417-422.

Brutcher Tech Tr 2897

Statistical Research into Productivity Increases
at Electric Steel Foundries, by W. Trower,
UNCLASSIFIED

GERMAN, Glasserei, Vol 38, 1951, No 18,
pp 422-426.

Brutcher Order No 2939

Scientific - Metallurgy, steel, foundry

February 1953

	<p>Timmerbell, H., Clas, G., and Mattern, O. THE THERMAL STABILITY OF CAST-IRON AND THE EFFECT OF VARIOUS ALLOYING ELEMENTS (Die Thermische Beständigkeit von Gußeisen und der Einfluss Verschiedener Legierungselemente). [1961] [29]p. (foreign text included) 9 refs. Order from SLA \$2.60 62-10533</p> <p>Trans. of Glesserei (West Germany) 1951, v. 38, p. 476-482 (Verein Deutscher Glessereifachleute, Bericht 5).</p> <p>DESCRIPTORS: *Cast iron. *Refractory coatings, *Heat resistant alloys, Carbides, Pearlite, Phosphorus, Silicon, Aluminum, Chromium, Carbon, Alloys, Scale</p> <p>(Metallurgy--Ferrous Metals, "T, v. 7, no. 11)</p>	
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Contribution on the Grain Structure and Annealing
of Side-Blown Converter Steel Castings, by
F. Roll. UMCL

GERMAN, per, Glossarci, 24 Jan 1952, pp 30, 31.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98,363

Synthetic Moulding Sand: Method and Value of Its Application in Iron and Steel Foundries, by H. Gries, W. Trummer. UNCL.

GERMAN, per, Giesserei, 10 Jul 1952, pp 333-341.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98, 080

Working With Synthetic Mould Sand, by H. Gries,
W. Turner. UNCL

GERMAN, per, Giesserei, 10 Jul 1952, pp 341-343.

British Iron and Steel Ind
(no number given)

Sci - Min/Met
Sep 59

98081

Zschintzsch, W. A FOUNDRY PLANT WITH CHANNEL-LESS LINE-FREQUENCY INDUCTION CRUCIBLE FURNACES FOR SMELTING MAGNESIUM ALLOYS (Ein Gießereibetrieb mit Rinnenlosen Netzfrequenz-Induktionsöfen zum Schmelzen von Magnesiumlegierungen). [1963] [27p] (foreign text included) 4refs Order from SLA \$2.60	TT-64-10789
Trans. of Gießerei (West Germany) 1952, v. 39, p. 381-387.	I. Zschintzsch, W.
(Metallurgy--Light Metals, TT, v. 11, no. 12)	Office of Technical Services

The Cronin Shell-Molding Process, by F. Polzguter.

GERMAN, per, Die Giesserei, Vol XXXIX, No 19, 1952,
pp 467-472.

Brutcher Tr 3183

Scientific - Minerals/Metals

Nov 53 CTS

Price \$5.60

7279

63-14150

Büchen, W.
PURIFICATION OF ALUMINUM MELTS WITH
CHLORINE GAS IN THE FOUNDRY. [1963] 22p.
(figs. omitted) 23 refs.
Order from SCA \$2.60

63-14150

Trans. of Giesserei (West Germany) 195?, v. 39,
no. 19, p. 491-498.

DESCRIPTORS: Foundries, *Gases, *Chlorine,
Melting, *Aluminum, Purification, Casting, Safety,
Refineries.

After introductory characterization of the purpose of
the work, the specific details of a use of chlorine gas
were discussed in connection with the presentation of
the necessity for a refining of aluminum melts for
high grade casting, and the primary reactions taking
place in it, which lead to aluminum and magnesium
(Engineering--Chemical, TT, v. 10, no. 3) (over)
(Engineering--Chemical, TT, v. 10, no. 3)

I. Büchen, W.

Office of Technical Services

New Experiences with Die-Cast Mold Steels,
by H. M. Hiller, 36pp.
GERMAN, per, Giesserei, Vol 40, No 1, 1953,
pp 16-24.
CFSTI TT-64-18929.

322,671

Sci - Metallurgy
Apr 67

Physico-Chemical Principles Of the Technique In the
Pouring of Steel, by W. Trommer, 6 pp.
UNCLASSIFIED

GERMAN, per, Giechovi, Vol XL, No 3, 9 Feb 1953,
pp 69-75.

Navy Tr 920/NRL 460

Scientific - Min/Metals Dec 53 CTS/DEX

8638

Practical Experiences With Spheroidal Graphite Cast
Iron, by H. Gries

GERMAN, per, Gießerei, Vol XL, No 4, 1953, pp
93-103.

Brutcher Tr 3174

Scientific - Minerals/Metals
CTS/DEX Price \$7.40

9284